



AF-MOLY

AF MOLY is a heavy-duty grease for applications where the presence of molybdenum disulfide can be helpful. **AF MOLY** contains 1% molybdenum disulfide, which provides dry film lubrication for load-bearing surfaces where the grease may tend to be squeezed out.

Features

- 1% Molybdenum disulfide formulation
- NLGI-certified LB for chassis lubrication
- Special winter formulation for extreme cold conditions

Benefits

- Good load-carrying ability
- Good high temperature performance
- Good water resistance
- Multipurpose

AF MOLY is superior for automotive chassis and construction industry grease. **AF MOLY EP** is certified by the NLGI* to its top-performance chassis grease rating, LB. Many manufacturers of farm and construction equipment recommend “moly” type greases for the lubrication of joints, slides, splines, pins, bushings, linkages and hinges.

AF MOLY ARCTIC is designed to be easier to pump in winter conditions. It also gives very good starting torque at temperatures as low as -30°C, and once started, it will remain mobile at temperatures as low as -40°C.

AF MOLY greases are not the best choice for use in rolling bearings. The particle size of the “moly” has been chosen to be very small but any particles will cause surface distress in the repetitive loading conditions of rolling bearings. For rolling bearing applications we recommend using other high quality Irving greases such as **Lubex EP**, **Lubex SYN** and **AF-EP**.



Typical Performance Results

NAME	2	ARCTIC
THICKENER TYPE	LITHIUM COMPLEX	
NLGI GRADE	2	1
COLOUR	GREY	GREY
VISCOSITY, OIL COMPONENT (D-445)		
cSt @ 40° C	80	95
cSt @ 100° C	9.5	10.7
WORKED PENETRATION (D-217)		
@ 25° C	280	325
DROPPING POINT (°C) (D-566)	274	260
4-BALL EP TEST (D-2596)		
WELD LOAD (kg)	400	400
MoS ₂ CONTENT	1%	1%

Available Package Sizes

	400G Case	17Kg Pail	55Kg Keg	180Kg Drum
AF-MOLY 2	X	X	X	X
AF-MOLY ARCTIC		X	X	X

